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Docket No.: 13111-00031-US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Samuel Neto et al.

Application No.: 10/565,731

Confirmation No.: 1964

Filed: January 24, 2006

Art Unit: 1755

For: CATALYSTS FOR GAS PHASE  
OXIDATION

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

02/05/2007 SZEWDIE1 00000114 032775 10565731

A summary/abstract translation of the non-English language references is enclosed.

The foreign patent documents DE 197 17 344 and DE 2005 969 contain English Translations of the abstracts. The foreign patent document WO 99/1433 is the counterpart to US 6,700,000; DE 198 24 532 is the counterpart to US 6,528,683; EP 0 744 214 is the counterpart to US 5,792,719; DE 2 238 067 is the counterpart to US 3,898,249; EP 0 068 192 is the counterpart

to US 4,521,618, 4,539,409 and 4,621,072 and DE 198 07 018 is the counterpart to US 5,969,160.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 03-2775 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13111-00031-US1. A duplicate copy of this paper is enclosed.

Dated: February 2, 2007

Respectfully submitted,

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PTO/SB/08A/B (09-06)  
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| <b>Substitute for form 1449/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    | <b>Complete if Known</b> |                        |                 |
|  |   |    | Application Number       | 10/565,731-Conf. #1964 |                 |
|  |   |    | Filing Date              | January 24, 2006       |                 |
|  |   |    | First Named Inventor     | Samuel Neto            |                 |
|  |   |    | Art Unit                 | 1755                   |                 |
|  |   |    | Examiner Name            | Not Yet Assigned       |                 |
| Sheet  | 1 | of | 2                        | Attorney Docket Number | 13111-00031-US1 |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       | AA*                      | US-6,700,000-B1                          | 03-02-2004                     | Heidemann et al.                                   |   |
|                       | AB*                      | US-6,528,683-B1                          | 03-04-2003                     | Heidemann et al.                                   |   |
|                       | AC*                      | US-5,792,719                             | 08-11-1998                     | Eberle et al.                                      |   |
|                       | AD*                      | US-3,898,249                             | 08-05-1975                     | Felice et al.                                      |   |
|                       | AE*                      | US-4,521,618                             | 06-04-1985                     | Arntz et al.                                       |   |
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|                       | AJ*                      | US-5,969,160                             | 10-19-1999                     | Lindstrom  |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                          | BA                       | WO 99/61433-A1 (counterpart to 6,700,000)   | 12-02-1999                        | Basf Aktiengesellschaft                            |   |                |
|                          | BB                       | DE 198 24 532-A1 (counterpart to 6,528,683)                                       | 12-09-1999                        | Basf Ag  |   |                |
|                          | BC                       | EP 0 744 214-A1 (counterpart to 5,792,719)  | 11-27-1996                        | Consortium Elektrochem Ind                         |   |                |
|                          | BD                       | DE 197 17 344-A1 (abstract)   | 10-29-1998                        | Consortium Elektrochem Ind                         |   |                |
|                          | BE                       | DE 2 238 067 (counterpart to 3,898,249)   | 02-14-1974                        | Wacker Chemie Gmbh                                 |   |                |
|                          | BF                       | EP 0 068 192-A2 (counterpart to 4,521,618; 4,539,409 and 4,621,072)               | 01-05-1983                        | Degussa  |   |                |
|                          | BG                       | DE 2005 969 (abstract)  | 08-26-1971                        | Badische Anilin & Soda-Fabrik AG                   |   |                |
|                          | BH                       | DE 198 07 018-A1 (counterpart to 5,969,160)                                       | 08-27-1998                        | Neste Oy   |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---------------------------------|--------------------------|---|----------------|
| Examiner<br>Initials            | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 | CA                       | D.A.M. Monti et al., "Temperature-Programmed Reduction. Parametric Sensitivity and Estimation of Kinetic Parameters", Journal of Catalysis, Vol. 83, pgs. 323-335, (1983)   |                |
|                                 | CB                       | G.T. Went et al., "Quantitative structural Analysis of Dispersed Vanadia Species in TiO <sub>2</sub> (Anatase)-Supported V <sub>2</sub> O <sub>5</sub> ", Journal of Catalysis, Vol. 134, pgs. 479-491, (1992)  |                |

|                       |                    |
|-----------------------|--------------------|
| Examiner<br>Signature | Date<br>Considered |
|-----------------------|--------------------|



PTO/SB/08A/B (09-06)

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|   |   |    |   | Examiner Name            | Not Yet Assigned       |
|   |   |    |   | Attorney Docket Number   | 13111-00031-US1        |
| Sheet   | 2 | of | 2 |                          |                        |

|    |   |  |
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| CC | B. Grzybowska-Świerkosz, "Vanadia-titania catalysts for oxidation of o-xylene and other hydrocarbons", Applied Catalysis A: General, Vol. 157, (1997), pgs. 263-310 |  |
|----|---|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|